

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Ute Tribal 12-04-E4			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT BRUNDAGE CANYON			
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME			
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7685			
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Bosie, ID, 83703						9. OPERATOR E-MAIL ppowell@pgei.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H624744			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Petroglyph Operating Co., Inc.						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-722-2531			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 607, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	535 FNL 1556 FWL	NENW	12	5.0 S	4.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FWL	NWNW	12	5.0 S	4.0 W	U
At Total Depth	660 FNL 660 FWL	NWNW	12	5.0 S	4.0 W	U

21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 535		23. NUMBER OF ACRES IN DRILLING UNIT 480	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2001		26. PROPOSED DEPTH MD: 6139 TVD: 6026	
27. ELEVATION - GROUND LEVEL 5968		28. BOND NUMBER LPM4138153		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	14	0 - 54	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	8.625	0 - 494	24.0	J-55 ST&C	10.0	Class G	227	1.17	15.8
Prod	7.875	5.5	0 - 6139	15.5	J-55 LT&C	10.0	Class G	458	1.92	12.5
							Class G	344	1.46	13.4

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 11/02/2012	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013518400000		APPROVAL <div style="text-align: center;"> Permit Manager </div>

T5S, R4W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

Well location, UTE TRIBAL #12-04-E4, located as shown in the NE 1/4 NW 1/4 of Section 12, T5S, R4W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

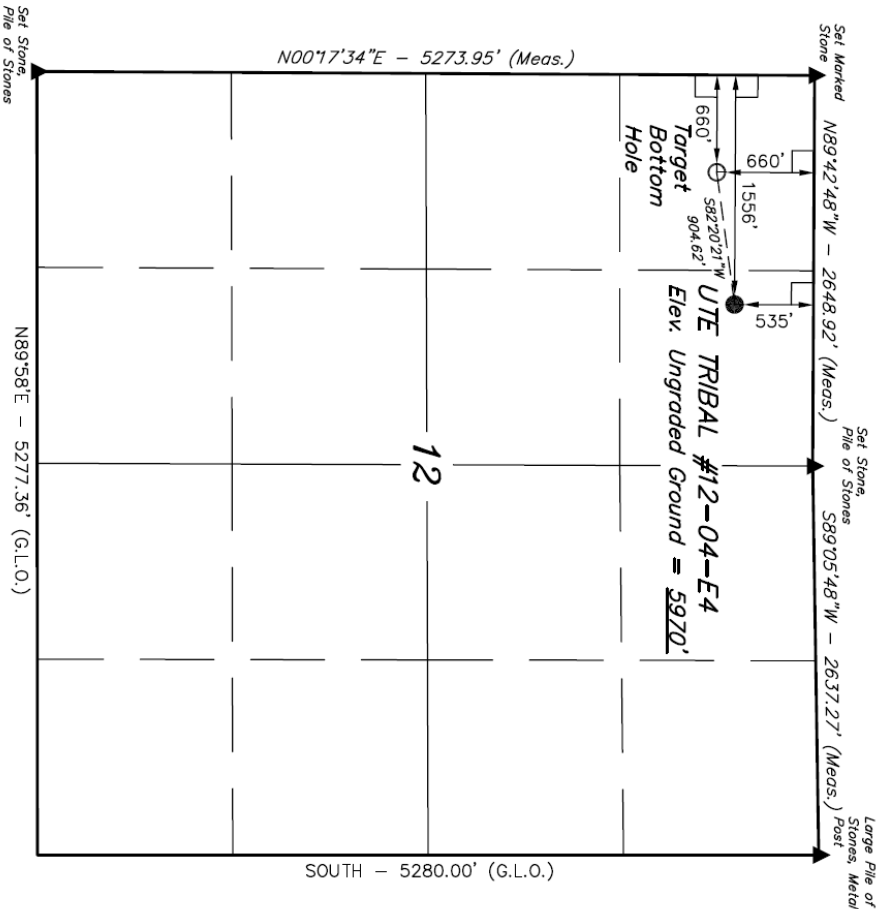
BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

N00°17'34"E - 5273.95' (Meas.)

SOUTH - 5280.00' (G.L.O.)

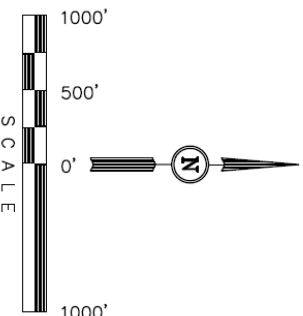


LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°03'58.92" (40.066367)		LATITUDE = 40°04'00.11" (40.066697)	
LONGITUDE = 110°17'29.54" (110.291539)		LONGITUDE = 110°17'18.01" (110.286336)	
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°03'59.06" (40.066406)		LATITUDE = 40°04'00.25" (40.066736)	
LONGITUDE = 110°17'26.99" (110.290831)		LONGITUDE = 110°17'15.46" (110.287628)	

UTIAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
SCALE	DATE SURVEYED:		DATE DRAWN:
1" = 1000'	10-15-12		10-17-12
PARTY	REFERENCES		
G.O. B.S. J.J.	G.L.O. PLAT		
WEATHER	FILE		
WARM	PETROGLYPH OPERATING CO., INC.		



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE BEARINGS WERE PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 181319
STATE OF UTAH
DATE 10-17-12